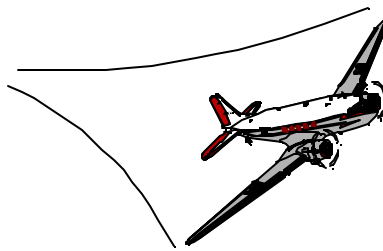


SPECIAL AIRWORTHINESS INFORMATION BULLETIN

Aircraft Certification Service
Washington, DC



U.S. Department
of Transportation

**Federal Aviation
Administration**

No. CE-01-30
July 11, 2001

We post SAIBs on the internet at "av-info.faa.gov"

This is information only. Recommendations are not mandatory.

Introduction

This Special Airworthiness Information Bulletin (SAIB) alerts you, an owner or operator of certain Piper models listed below, about possible corrosion, fraying and/or failure, and subsequent loss of control authority that may occur due to a considerably shorter life of the stainless steel cables compared to galvanized cables.

Models	Serial Numbers
PA-18-150 (Super Cub)	1809001, 1809004 through 1809113
PA-28-161 (Warrior II)	2816076 through 2816109
PA-28-161 (Warrior III)	2816110 through 2816119, 2842001 and up
PA-28-161 (Cadet)	2841037 through 2841365
PA-28-181 (Archer II)	2890100 through 2890205
PA-28-181 (Archer III)	2890206 through 2890231, 2843001 and up
PA-28-236 (Dakota)	2811023 through 2811050
PA-28R-201 (Arrow III)	2837011 through 2837061
PA-28R-201 (Arrow)	2844001 and up
PA-28R-201T (Turbo Arrow III)	2803001 through 2803015
PA-32R-301 (Saratoga SP)	3213020 through 3213041
PA-32R-301 (Saratoga II HP)	3213029, 3213042 through 3213103, 3246001 and up
PA-32R-301T (Saratoga II TC)	3257001 and up
PA-34-220T (Seneca III)	3433137 through 3433216, 3448001 through 3448035
PA-34-220T (Seneca IV)	3448038 through 3448079, 3447001 through 3447029
PA-34-220T (Seneca V)	3449001 and up
PA-42/42-720 (Cheyenne III/IIIA)	42-5501040, 42-5501048 through 42-5501060
PA-42-1000 (Cheyenne 400LS)	42-5527038 through 42-5527044
PA-44-180 (Seminole)	4495001 through 4495013, 4496001 and up
PA-46-350P (Malibu Mirage)	4622001 through 4622200, 4636001 and up

Background

As a result of an accident prevention recommendation pertaining to the use of stainless steel control cables on certain Piper Aircraft models, the FAA conducted a Service Difficulty survey and Risk Assessment Evaluation to assess the impact on the continued airworthiness of these models from corroded or frayed cables. We forwarded this airworthiness concern to various type clubs for their input as a part of data gathering process. The Risk Assessment Evaluation is based upon the number of reported incidents/findings and takes into consideration the applicable fleet size.

Recommendation

The FAA is recommending that owners or operators of the affected aircraft perform an inspection and possible replacement of the stainless steel cable as outlined in Piper Service Bulletin 1048. We recommend you accomplish these inspections at each 100 hours or annual inspection. You can contact The New Piper Aircraft, Inc at 2926 Piper Drive, Vero Beach FL 32960 for copies of the service bulletin. You can get additional information on performing routine control cable inspections in the manufacturers' maintenance manuals and FAA published documents such as AC43.13-1B – “Acceptable Methods, Techniques and Practices – Aircraft Inspection and Repair”. You can access this AC *on-line* at “www.airweb.faa.gov”.

For Further Information Contact

Viswa Padmanabhan, Aerospace Engineer, Atlanta Aircraft Certification Office, FAA-Small Aircraft Directorate, One Crown Center, 1895 Phoenix Boulevard, Suite 450, Atlanta, GA 30349, Telephone (770) 703-6049, FAX: (770) 703-6097, email: viswa.padmanabhan@faa.gov